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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/921,071	08/02/2001	Hatim Y. Amro	16356.647 (DC-03057)	5244

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HAYNES AND BOONE, LLP  
901 MAIN STREET, SUITE 3100  
DALLAS, TX 75202

EXAMINER

CLARK, ISAAC R

ART UNIT PAPER NUMBER

2154

DATE MAILED: 04/29/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

09/921,071

Applicant(s)

AMRO ET AL.

Examiner

Isaac R Clark

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 02 August 2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-30 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-30 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 02 August 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |   |   |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)  | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date <u>10/22/2001</u> . | 6) <input type="checkbox"/> Other: _____  |

### **DETAILED ACTION**

1. Claims 1-30 are presented for examination.
2. The preliminary amendment dated 08/12/2002 has been entered and fully considered.

#### ***Priority***

3. The effective filing date for the subject matter in the pending claims in this application is 08/02/2001.

#### ***Drawings***

4. The Examiner contends that the drawings submitted on 08/02/2001 are acceptable for examination proceedings.

#### ***Claim Rejections - 35 USC § 102***

5. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

6. Claims 1, 2, 4-6, 11, 12, 14-16, 21, 22, and 24-26 are rejected under 35 U.S.C. 102(b) as being anticipated by Imai et al. (US 5,978,590, "Imai").
7. As per claim 1, Imai discloses a system comprising:  
a server (Fig. 3, item 36) including a script associated with an identifier (col. 11, lines 8, lines 15-29); a computer system (Fig. 3, item 34 ) coupled to the server and including a port and a device coupled to the port, the device including the identifier (Fig. 3, item 40 and 40a) ; bar code reader attached to port with bar code);

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the computer system configured to:

read the identifier from the device (col. 11, lines 39-42);

provide the identifier to the server (col. 10, lines 11-21); and

cause a script associated with the identifier to be executed to cause one or more software components to be installed onto the computer system (col. 10, lines 35-67).

8. As per claim 2, Imai discloses the system of claim 1, wherein the computer system is configured to cause the script to be executed on the computer system (col. 5, lines (col. 6, lines 30-50; installation script copied to computer terminal and then executed).

9. As per claim 4, Imai discloses the system of claim 1 wherein the server includes the one or more software components (col. 2, lines 61-67).

10. As per claim 5, Imai discloses the system of claim 1, wherein the server includes order information associated with the computer system (col. 8, lines 8-23).

11. As per claim 6, Imai discloses the system of claim 5, wherein the order information includes a list of software components to be installed onto the computer system, and wherein the list includes the one or more software components (col. 8, lines 8-23).

12. As per claim 21, Imai discloses a system comprising:

a computer system (Fig. 3, item 34) for : reading an identifier from a device (Fig. 3, item 40) coupled to a port of the computer system (col. 11, lines 39-42); providing the identifier to a server (col. 10, lines 11-21); and causing a script associated with the

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identifier to be executed to cause one or more software components to be installed onto the computer system (col. 10, lines 35-67).

13. As per claim 22, Imai discloses the system of claim 21, wherein the computer system is for: causing the script to be executed on the computer system (col. 5, lines (col. 6, lines 30-50; installation script copied to computer terminal and then executed).

14. As per claim 24, Imai discloses the system of claim 21, wherein the computer system is for: receiving the one or more software components from the server prior to the one or more software components being installed onto the computer system (col. 4, lines 24-27).

15. As per claim 25, Imai discloses the system of claim 21, wherein the computer system is for: causing the script to be executed, the script configured to cause order information associated with the computer system to be detected on the server (col. 8, lines 10-24; col. 10, lines 10-15).

16. As per claim 26, Imai discloses the system of claim 25, wherein the computer system is for: causing the script to be executed, the script configured to cause a list of software components to be installed onto the computer system to be accessed from the order information, the list including the one or more software components (col. 6, lines 1-7).

17. As per claims 11, 12, 14, 15, and 16, these claims are method claims reciting the method carried out by claims 21, 22, 24, 25, and 26 respectively and are rejected for the reasons cited for claims 21, 22, 24, 25, and 26.

***Claim Rejections - 35 USC § 103***

18. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

19. This application currently names joint inventors. In considering patentability of the claims under 35 U.S.C. 103(a), the examiner presumes that the subject matter of the various claims was commonly owned at the time any inventions covered therein were made absent any evidence to the contrary. Applicant is advised of the obligation under 37 CFR 1.56 to point out the inventor and invention dates of each claim that was not commonly owned at the time a later invention was made in order for the examiner to consider the applicability of 35 U.S.C. 103(c) and potential 35 U.S.C. 102(e), (f) or (g) prior art under 35 U.S.C. 103(a).

20. Claim 3, 13, and 23 are rejected under 35 U.S.C. 103(a) as being unpatentable over Imai et al. (US 5,978,590, "Imai") in view of Oki et al. (US 5,859,969, "Oki").

21. As per claim 3, Imai teaches the system substantially as recited in claim 1, but fails to explicitly teach wherein the computer system is configured to cause the script to be executed on the server.

22. Oki teaches an installation system wherein the computer system is configured to cause the installation script to be executed on the server (col. 13, lines 25-30).

23. It would have been obvious to one of ordinary skill in this art at the time the invention was made to combine the teaching of Imai and Oki because they both deal

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with a server based installation system for individualized installation of software to a remote computer system. Furthermore, the teaching of Oki to cause the installation script to be executed on the server increases the reliability of the installation process by allowing the server computer to monitor the success of each step of the installation (col. 13, lines 30-34).

24. Claims 13 and 23 are rejected for the same reasons as claim 3.

25. Claims 7, 17, and 27 are rejected under 35 U.S.C. 103(a) as being unpatentable over Imai et al. as applied to 6, 16, and 26 above (US 5,978,590, "Imai") in view of Donohue (US 6,202,207 B1).

26. As per claim 27, Imai teaches the system of claim 26 wherein the computer system is for: causing the script to be executed, the script configured to cause the one or more software components to be installed onto the computer system. Imai fails to explicitly teach that installing the components is in response to detecting the one or more software components from the list.

27. Donohue teaches wherein the install script installs the components in response to detecting one or more software components from the list (col. 4, lines 35-38: updater program accessing list of programs; col. 4, lines 50-67: updater component detects existence of new versions of components and triggers the installation of the components).

28. It would have been obvious to one of ordinary skill in this art at the time the invention was made to combine the teaching of Imai and Donohue to trigger installation upon detecting the components from the list because they both deal with installation of

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software on a client computer from a networked server. Furthermore, the teaching of Donohue to detect the components on the server increases the usefulness of the clients programs by automatically installing up to date versions of the software including the latest upgrades and fixes.

29. As per claims 17, claim 17 is a method claim reciting the method carried out by claims 27. Claim 17 is rejected for the reasons cited for claim 27.

30. As per claim 7, claim 7 is rejected for the same reason as claim 27.

31. Claims 8-10, 18-20 and 28-30 are rejected under 35 U.S.C. 103(a) as being unpatentable over Imai et al. (US 5,978,590, "Imai") in view of Chiloyan et al. (US 2002/0095501 A1, "Chiloyan").

32. As per claims 28 and 29, Imai does not explicitly teach that the port is a serial port and comprises a USB port.

33. Chiloyan teaches read and identifier from a peripheral device (Paragraph 0041; reads product and vendor ID; Paragraph 0033 information can include serial number) attached to a computer system via a serial (USB) port 46 wherein the identifier is correlated with software stored on a server (Paragraph 0046; paragraph 0046; ID info used to identify drivers, application software on a server).

34. It would have been obvious to one of ordinary skill in this art at the time the invention was made to combine the teaching of Imai and Chiloyan because they both with reading an identifier to provide an index to desired software modules on a remote server. Furthermore, the teaching of read the ID from a device connected to a USB serial port allows the system to automate the installation of software associated with



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plug and play peripheral devices which facilitates the use of new devices by locating and installing the required drivers and associated software without user intervention (See Chiloyan, Paragraph 0037).

35. As per claim 30, Imai fails to explicitly teach wherein the device is a programmable device.

36. Chiloyan teaches wherein the device is a programmable device (Paragraph 0039; id stored in programmable memory).

37. It would have been obvious to one of ordinary skill in this art at the time the invention was made to combine the teaching of Imai and Chiloyan to read the identification information from a programmable device connected to a serial port because they both reading an identifier to provide an index to desired software modules on a remote server. Furthermore, the teaching of Chiloyan to use a programmable device allows the information associated with locating the required software to be updated to added to an existing device thus upgrading the device to locate the appropriate software to gain the advantage of automatic installation of application software and driver modules.

38. Claims 8, 9, and 10 are rejected for the same reasons as claims 28, 29, and 30 respectively.

39. Claims 18, 19, and 20 are rejected for the same reasons as claims 28, 29, and 30 respectively.

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***Conclusion***

40. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. The following patents and publications are cited to further show the state of the art with respect to "System and method for installing software onto a build-to-order computer system using an identification device".

- |      |                    |                 |
|------|--------------------|-----------------|
| i.   | US 5,950,010       | Hesse et al.    |
| ii.  | US 6,301,707 B1    | Carroll et al.  |
| iii. | US 2002/0103952 A1 | Thompson et al. |
| iv.  | US 6,226,412 B1    | Schwab          |

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Isaac R Clark whose telephone number is (571)272-3961. The examiner can normally be reached on Monday-Friday 8:00am-4:30pm.

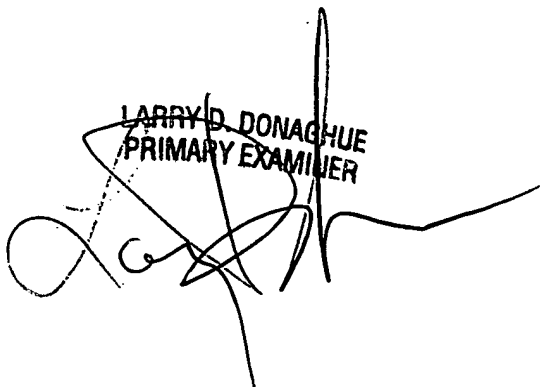
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John A Follansbee can be reached on (571)272-3964. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

IRC

LARRY D. DONAGHUE  
PRIMARY EXAMINER

A handwritten signature in black ink, appearing to be "L. Donaghue", is written over a rectangular stamp. The stamp contains the text "LARRY D. DONAGHUE" and "PRIMARY EXAMINER" in a bold, sans-serif font.